ENVIRONMENTAL CHEMISTS

Date of Report: May 28, 1996 Date Received: May 23, 1996

Project: 7238, Metro Self Monitor, PO #M72161

Date Samples Extracted: May 24, 1996 Date Extracts Analyzed: May 24, 1996

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL, ZINC USING METHOD 6010

Samples Processed Using Method 3005A Results Reported as mg/L (ppm)

 Sample ID
 Chromium
 Copper
 Nickel
 Zinc

 M72161
 0.39
 0.35
 0.36
 0.07

 Method Blank
 <0.05</td>
 <0.05</td>
 <0.05</td>
 <0.05</td>

ENVIRONMENTAL CHEMISTS

Date of Report: May 28, 1996 Date Received: May 23, 1996

Project: 7238, Metro Self Monitor, PO #M72161

QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 69178(Duplicate)

	Reporting	Sample	Duplicate Result		Acceptance
Analyte:	<u>Units</u>	Result_	Resuit	Difference	<u>Criteria</u>
Chromium	mg/L (ppm)	0.39	0.41	5	0-20
Copper	mg/L (ppm)	0.35	0.42	18	0-20
Nickel	mg/L (ppm)	0.36	0.37	3	0-20
Zinc	mg/L (ppm)	0.07	0.10	35a	0-20

Laboratory Code: 69178(Matrix Spike)

	Reporting	Spike	Sample	% R	lecoverv	Acceptance	Relative Percent
Analyte:	Units	Level	Result	MS	MŠD	Criteria	Difference
Chromium	mg/L (ppm)	.5	0.39	99	100	80-120	1
Copper	mg/L (ppm)	5	0.35	101	101	80-120	0
Nickel	mg/L (ppm)	10	0.36	97	98	80-120	1
Zinc	mg/L (ppm)	5	0.07	91	89	80-120	2

Laboratory Code: Spike Blank

	Reporting	Spike	% R	ecovery	Acceptance	
Analyte:	Units	Level	MS	MSD	Criteria	Difference
Chromium	n mg/L (ppm)	5	103	102	80-120	1
Copper	mg/L (ppm)	5	106	106	80-120	0
Nickel	mg/L (ppm)	10	100	101	80-120	1
Zinc	mg/L (ppm)	5	91	93	80-120	2

a - The analyte was detected at a level less than five times the detection limit. The RPD results may not provide reliable information on the variability of the analysis.

FR. DMAN & BRUYA, INC. 3012 16th Avenue West Seattle, WA 98119-2029 (206) 285-8282

TNJ A 5.23.96 10.40

SAMPLE CHAIN OF CUSTODY

Send Report To: Company Alaskar Address 628 High	Copper	Works		Contac	ct GE	exis Thom	250-1		
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190					3200 6+4 Ave S.				
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Sample #	Date/Time	Type of Sample	# of	Lab Sample		Analy Reque			
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09/19/94

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

May 28, 1996

INVOICE # 96ACU0528-2 DUPLICATE COPY

Accounts Payable Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Metro Self Monitor, PO #M72161: Results of testing requested by Gerald Thompson, Project Manager for material submitted on May 23, 1996.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

May 28, 1996

Gerald Thompson, Project Manager Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on May 23, 1996 from your 7238, Metro Self Monitor, PO #M72161 project.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kurt Johnson

Chemist

keh

Enclosures ACU0528R.DOC